

Response to Office action 7/14/2005
Response submitted September 29, 2005

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (currently amended). A method of installing a catenary cable of a catenary of a track, which comprises the following steps:

pulling the catenary cable from a storage drum with a given drum pull-off force;

guiding the catenary cable over winch wheels of a friction winch and subjecting the catenary cable to a given cable tension; and

passing the catenary cable from the friction winch onto a mounting roller with a pull-off resistance for producing an installation tension, generating the pull-off resistance with the friction winch and counteracting a pull-off force of the catenary cable, and thereby gradually increasing the cable tension between the winch wheels of the friction winch up to the pull-off resistance.

Claim 2 (original). The method according to claim 1, wherein the catenary cable is a contact wire or a carrying cable wound upon the storage drum.

Claim 3 (withdrawn). A machine for installing a catenary cable of a catenary of a track, the machine comprising:

a machine frame extending in a longitudinal direction and supported by undercarriages for mobility on the track;

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a storage drum mounted on said machine frame and carrying the catenary cable;
a mounting roller, supported for vertical adjustment on said machine frame, for
guiding the catenary cable into an installation position; and

a friction winch, disposed between said storage drum and said mounting roller in a
winding direction of the catenary cable, for producing a pull-off resistance
counteracting a pull-off force acting upon the catenary cable, thus creating an
installation tension when the catenary cable is pulled from the storage drum, said
friction winch including four winch wheels rotatable independently of one another
about respective axes of rotation, and with two winch wheels each disposed in a
common plane to form a wheel pair.

Claim 4 (withdrawn). The machine according to claim 3, wherein said friction
winch comprises two mutually parallel wheel pairs, each comprising two winch
wheels disposed one following the other in the longitudinal direction.

Claim 5 (withdrawn). The machine according to claim 4, wherein each of said
wheel pairs includes a front winch wheel and a rear winch wheel, and wherein
said front winch wheels of said two wheel pairs are mounted on a common axis of
rotation and said rear winch wheels of said two wheel pairs are mounted on a
common axis of rotation, and said axes of rotation extend transversely to the
longitudinal direction.

Claim 6 (withdrawn). The machine according to claim 3, which further comprises
separate hydraulic motors respectively associated with a second winch wheel, a

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third winch wheel, and a fourth winch wheel with regard to a winding direction of the catenary cable.

Claim 7 (withdrawn). The machine according to claim 6, wherein said hydraulic motors have mutually different fluid displacement capacity.

Claim 8 (withdrawn). The machine according to claim 6, which further comprises a control system connected to said hydraulic motors and configured to actuate said hydraulic motors separately and with different operating pressures.

Claim 9 (withdrawn). The machine according to claim 6, wherein said hydraulic motors each possesses a respectively different maximum torque, and said maximum torque increases in the winding direction of the catenary cable.

Claim 10 (withdrawn). The machine according to claim 3, wherein each said winch wheel is formed with a cable groove for receiving the catenary cable, and said cable groove of a second and a third said winch wheel, relative to the winding direction of the catenary cable, is wider than said cable groove of a first and a fourth said winch wheel.

Claim 11 (withdrawn). The machine according to claim 3, which further comprises a support frame for supporting said storage drum together with said winch wheels, said support frame being mounted on said machine frame for pivoting relative thereto with the aid of a drive about an axis extending in the longitudinal direction.

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Claim 12 (new). A method of installing a catenary cable of a catenary of a track, which comprises the following steps:

pulling the catenary cable from a storage drum with a given drum pull-off force;

guiding the catenary cable over winch wheels of a friction winch and subjecting the catenary cable to a given cable tension between the winch wheels;

passing the catenary cable from the friction winch onto a mounting roller with a pull-off resistance for producing an installation tension; and

generating the pull-off resistance for producing the installation tension with the friction winch and counteracting a pull-off force of the catenary cable, and increasing the cable tension between the wheels of the friction winch, from the drum pull-off force at a first winch wheel to the pull-off resistance at a last winch wheel.